

# Refine Search

## Search Results -

Terms	Documents
L10 and (receiv\$3 near notify\$3 near command)	0

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

Refine Search

Recall Text

Clear

Interrupt

## Search History

**DATE:** Monday, March 14, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
<u>DB</u> =PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L12</u>	L10 and (receiv\$3 near notify\$3 near command)	0	<u>L12</u>
<u>L11</u>	L10 and (receiv\$3 near command)	2	<u>L11</u>
<u>L10</u>	L6 and atomic\$4	24	<u>L10</u>
<u>L9</u>	L8 and (atomic\$4 near modify\$3)	0	<u>L9</u>
<u>L8</u>	L7 and (modify\$3 near command)	2	<u>L8</u>
<u>L7</u>	L6 and access\$3	277	<u>L7</u>
<u>L6</u>	("doubly linked list") same ("data structure")	297	<u>L6</u>
<u>L5</u>	(atomic\$4 near modify\$3) same ("doubly linked list") same ("data structure")	0	<u>L5</u>
<u>L4</u>	(atomic\$4 near modif\$9) same ("doubly linked list") same ("data structure")	0	<u>L4</u>
<u>L3</u>	(atomic\$4 near modif\$) same ("doubly linked list") same ("data structure")	0	<u>L3</u>
<u>L2</u>	access\$3 same (doubl\$3 near link\$3 near list\$1) same (data near	0	<u>L2</u>

3-14-05

structur\$3) same (atomic\$ near modify\$3)  
L1 access\$3 same (doubl\$3 near link\$3 near list\$1) same (data near  
structur\$3) same atomic\$

1 L1

END OF SEARCH HISTORY

# Refine Search

## Search Results -

Terms	Documents
L10 and (receiv\$3 near command)	2

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

Refine Search

Recall Text
Clear
Interrupt

## Search History

**DATE:** Monday, March 14, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side		result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L11</u> L10 and (receiv\$3 near command)	2	<u>L11</u>
<u>L10</u> L6 and atomic\$4	24	<u>L10</u>
<u>L9</u> L8 and (atomic\$4 near modify\$3)	0	<u>L9</u>
<u>L8</u> L7 and (modify\$3 near command)	2	<u>L8</u>
<u>L7</u> L6 and access\$3	277	<u>L7</u>
<u>L6</u> ("doubly linked list") same ("data structure")	297	<u>L6</u>
<u>L5</u> (atomic\$4 near modify\$3) same ("doubly linked list") same ("data structure")	0	<u>L5</u>
<u>L4</u> (atomic\$4 near modif\$9) same ("doubly linked list") same ("data structure")	0	<u>L4</u>
<u>L3</u> (atomic\$4 near modif\$) same ("doubly linked list") same ("data structure")	0	<u>L3</u>
<u>L2</u> access\$3 same (doubl\$3 near link\$3 near list\$1) same (data near structur\$3) same (atomic\$ near modify\$3)	0	<u>L2</u>

L1 access\$3 same (doubl\$3 near link\$3 near list\$1) same (data near structur\$3) same atomic\$

1 L1

END OF SEARCH HISTORY

## Refine Search

## Search Results -

Terms	Documents
L8 and (atomic\$4 near modify\$3)	0

## Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Search:**

L9

**Refine Search**

### Recall Text



Clear

## Interrupt

## Search History

DATE: Monday, March 14, 2005 [Printable Copy](#) [Create Case](#)

Set  
Name    Query  
side by  
id

Hit      Set  
Count      Name  
result set

*DR=PGPR USPT USOC EPAR JPAB DWPI TDRD; PLUR=YES; OP=OR*

L9 L8 and (atomic\$4 near modify\$3) 0 L9

L8 L7 and (modify\$3 near command) 2 L8

L7 L6 and access\$3 277 L7

L6 ("doubly linked list") same ("data structure") 297 L6

L5 (atomic\$4 near modify\$3) same ("doubly linked list") same ("data structure") 0 L5

L4 (atomic\$4 near modif\$9) same ("doubly linked list") same ("data structure") 0 L4

L3 (atomic\$4 near modif\$) same ("doubly linked list") same ("data structure") 0 L3

L2 access\$3 same (doubl\$3 near link\$3 near list\$1) same (data near structur\$3) same (atomic\$ near modify\$3) 0 L2

L1 access\$3 same (doubl\$3 near link\$3 near list\$1) same (data near structur\$3) same atomic\$ 1 L1

END OF SEARCH HISTORY

# Refine Search

## Search Results -

Terms	Documents
(LRU or (least same recent\$ same us\$3)) and ((atomic\$4 near modify\$3) same command)	0

3-14-01-  
1/27/2005

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

## Search History

DATE: Monday, March 14, 2005 [Printable Copy](#) [Create Case](#)

Set	Name	Query	Hit Count	Set Name
	side by side			result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L4</u>		(LRU or (least same recent\$ same us\$3)) and ((atomic\$4 near modify\$3) same command)	0	<u>L4</u>
<u>L3</u>		L2 and (doubl\$3 same link\$3 same list\$1)	59	<u>L3</u>
<u>L2</u>		L1 and ((back near end) or (front near end))	486	<u>L2</u>
<u>L1</u>		(LRU or (least same recent\$ same us\$3)) and (data near structur\$3)	2895	<u>L1</u>

END OF SEARCH HISTORY

# Refine Search

## Search Results -

Terms	Documents
L20 and (atomic\$4 near modify\$3)	0

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

Refine Search

Recall Text
Clear
Interrupt

## Search History

**DATE: Monday, March 14, 2005** [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L21</u>	L20 and (atomic\$4 near modify\$3)	0	<u>L21</u>
<u>L20</u>	L19 and (doubl\$3 same link\$3 same list\$1)	83	<u>L20</u>
<u>L19</u>	L1 and (L7 or L8 or L10 or L11 or L12 or L13 or L14 or L15)	376	<u>L19</u>
<u>L18</u>	L17 and (atomic\$4 near modify\$3)	0	<u>L18</u>
<u>L17</u>	L16 and (doubl\$3 same link\$3 same list\$1)	137	<u>L17</u>
<u>L16</u>	L1 and (L5 or L6 or L9)	1231	<u>L16</u>
<u>L15</u>	711/171-173.ccls.	1288	<u>L15</u>
<u>L14</u>	711/160-163.ccls.	2400	<u>L14</u>
<u>L13</u>	711/133.ccls.	837	<u>L13</u>
<u>L12</u>	711/114.ccls.	1546	<u>L12</u>
<u>L11</u>	711/113.ccls.	905	<u>L11</u>
<u>L10</u>	711/100.ccls.	1095	<u>L10</u>
<u>L9</u>	711/\$.ccls.	24594	<u>L9</u>

1745  
3-14-05

<u>L8</u>	710/52.ccls.	1564	<u>L8</u>
<u>L7</u>	710/1.ccls.	996	<u>L7</u>
<u>L6</u>	710/\$.ccls.	21896	<u>L6</u>
<u>L5</u>	707/\$.ccls.	25478	<u>L5</u>
<u>L4</u>	(LRU or (least same recent\$ same us\$3)) and ((atomic\$4 near modify\$3) same command)	0	<u>L4</u>
<u>L3</u>	L2 and (doubl\$3 same link\$3 same list\$1)	59	<u>L3</u>
<u>L2</u>	L1 and ((back near end) or (front near end))	486	<u>L2</u>
<u>L1</u>	(LRU or (least same recent\$ same us\$3)) and (data near structur\$3)	2895	<u>L1</u>

END OF SEARCH HISTORY



IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

## **Membership      Publications/Services      Standards      Conferences      Careers/Jobs**

**IEEE Xplore**  
RELEASE 1.8

Welcome  
**United States Patent and Trademark Office**

一一一

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

## Quick Links

» Sea

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

### Search

- By Author
- Basic
- Advanced
- CrossRef

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

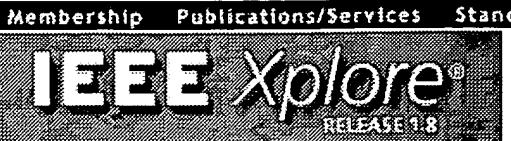
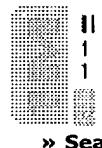
2023-2024 学年上学期

- Access the IEEE Enterprise File Cabinet



[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved.

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)[Quick Links](#)Welcome  
United States Patent and Trademark Office

» Sea

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

**Tables of Contents**

- Journals & Magazines
- Conference Proceedings
- Standards

**Search**

- By Author
- Basic
- Advanced
- CrossRef

**Member Services**

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

**IEEE Enterprise**

- Access the IEEE Enterprise File Cabinet



[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search:  The ACM Digital Library  The Guide

"memory board" "interface configured" + "data storage system"

3-14-05  
**THE ACM DIGITAL LIBRARY**



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used **memory board** **interface configured** **data storage system** **receive** **modify** **command** **atomically** **modify** **doubly linked list** **data structure** **provide** **result**

Found 3 of 151,219

Sort results  
by

[Save results to a Binder](#)

[Search Tips](#)

Display  
results

[Open results in a new window](#)

[Try an Advanced Search](#)

[Try this search in The ACM Guide](#)

Results 1 - 3 of 3

Relevance scale

## **1 Lock-free reference counting**

David L. Detlefs, Paul A. Martin, Mark Moir, Guy L. Steele

August 2001 **Proceedings of the twentieth annual ACM symposium on Principles of distributed computing**

Full text available: [pdf\(802.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Assuming the existence of garbage collection makes it easier to design implementations of concurrent data structures. However, this assumption limits their applicability. We present a methodology that, for a significant class of data structures, allows designers to first tackle the easier problem of designing a garbage-collection-dependent implementation, and then apply our methodology to achieve a garbage-collection-independent one. Our methodology is based on the well-known reference counti ...

## **2 Fast printed circuit board routing**

J. Dion

October 1987 **Proceedings of the 24th ACM/IEEE conference on Design automation**

Full text available: [pdf\(930.33 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes the algorithms in a printed circuit board router used for fully automatic routing of high-density circuit boards. Completely automatic routing and running times of a few minutes have resulted from a new data structure for efficient representation of the routing grid, quick searches for optimal solutions, and generalizations of Lee's algorithm.

## **3 A Value Transmission Method for Abstract Data Types**

Maurice P. Herlihy, Barbara Liskov

October 1982 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 4 Issue 4

Full text available: [pdf\(1.63 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Results 1 - 3 of 3

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads: [!\[\]\(f4f9ac412efd7fead6377a2b0ae12137\_img.jpg\) Adobe Acrobat](#) [!\[\]\(e3263a05f67c6923685ae1a5f1000312\_img.jpg\) QuickTime](#) [!\[\]\(d475f8ae1d37333baafabb1097db9770\_img.jpg\) Windows Media Player](#) [!\[\]\(7bc1fb55fd0e5413f13083bc20c9e35b\_img.jpg\) Real Player](#)